

## Product datasheet for **MC206510**

### **AU018778 (BC013479) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	AU018778 (BC013479) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	AU018778
Synonyms:	MGC18894
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC013479  
 GTCCATGCAAGATGTTTCCTTAGCACTCTGTTTCCTGGTGTCTCTAGCAACCTGTGTGATTTGCGGAAATCC  
 CTCTTCACCACCTGTGGTAGACTGCTCATGGTAAAGTCCTGGGGAAACACGTGAACGTAGAAGGATTT  
 TCACAGCCTGTGGCCGTCTTCTGGGAATCCCCTTTGCCAAGCCCCCTCTGGATCCCTGAGGTTTGCTC  
 CACCACAGCCTGCAGAGCCCTGGAGCTCAGTGAAGAATGCCACCACCTACCCACCTATGTGCTCCAAGA  
 TGCAGCTAGAGGACAGGCGGTCAATGACCTCATAACCAATAGAAAGGAGAAAAATCCATCTGAATTTTCT  
 GAAGATTGCCTGTACCTAAATATTTTACTCTCTGCGGACTTTTCAAAGAACAGTAGGCTACCGGTGATGG  
 TGTGGATCCATGGAGGTGGACTGAAGCTGGGTGGGCATCAAGCTTTGATGGACGGGCTCTCTGCATA  
 CGAAAAATGTTGGTGGTGGCCATTCAATATCGCCTGAGTATCTGGGGATTCTTACGACAGGGGATGAA  
 CACAGTCGGGGAAACTGGGGTCAATTTGGACCAAGTGGCTGCTCTGCATTGGGTCCAGGACAACATTGCCA  
 ACTTTGGCGGGGACCCAGGCTCTGTGACCATCTTTGGAGAGTCAGCAGGAGGTTACAGTGTCTCAATTCT  
 TATATTGTCCCCATTGTCCAAGAACCTTCCACAGGGCCATTTCTGAGAGTGGTGTGCCCTTCATTCT  
 GGAATGTTTACCAAGATGTGAGGCCAATTACTGAGCAAATTGCTGTTACTGCTGGCTGTAAGACCACCA  
 CGTCTGCCGTCAATGTTCACTGCATGCGCCAGAAGACGGAGGAGGAGCTATTAGAGATCATGCATAAATT  
 GAATCTGTATAAACTGAGTTTACAAGGAGATACCAAAAAATAGCGACCAGTTCGTGACAAGTGTGCTTGAT  
 GGAGTGGTGTACCAAAGGACCCCAAAGAGATCCTGGCTGAGAAGAACTCAACACTGTGCCTTACATTG  
 TGGGAATCAACAAGCAAGAAATGTGGCTGGCTTCTGCCAACAATGACGGGATTTCTACCAGCTGATGTAAA  
 ATTTGGACAAGAAGAAAGCCATTGCACTCCTGGAGCAATTTGCTTCCATGACTGGCATAACCAGAGGATATT  
 ATTCCAGTTGCTGTTGAGAAGTACACAAAAGGTAGTGTGACCCTGATCAGATCAGAGAGGGAGTTCTCG  
 ACGCAATGGGGGATGTGGCATTGGTGTCCATCGGTGATTGTGTCCCCTGGCCACAGAGACTGGAGC  
 TCCCACCTACATGTATGAGTATCAATACTACCCAAGCTTCTCATCCCCAAAGACCCAAGAATGTAGTA  
 GGAGACCATGCAGATGATGTCTACTCTGTCTTCGGTCTCCAATTTTAAGAGAGGGTGCCTCCGAAGAGG  
 AGATCAATCTCAGCAAGATGGTGTGAAATTTCTGGGCCAACTTTGCTCGGAATGGGAACCCTAATGGCAA  
 AGGGTGCCTCATTGGCCAAAGTATGATCAGAAAAGGATATCTTCATATTGGTGGCACCCACCCAGCAA  
 GCCCAGAGACTGAAGGAAGAGGAAGTGACTTTCTGGACACAGTCCCTTGCCAAGAAAACAACCCAGCCAT  
 ACCACAATGAGCTGTGAATGCAAAGCTCTGCCAGGCTTATACCAGAGAAGCCAAGATATGGTTCTTCCAC  
 TAACAGTGTATGTAATCCAAGATGGATCTTGGAGGATCCTGAAGAACTTTGTATAGATATAGGCAGAG  
 CCCAGGGAAGGGAAATGTTGATTTATGTCTTTAATTTAGAGAATAAATGTTCTTTATATGGTCAAAAAA  
 AAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC013479

**Insert Size:** 1686 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC013479](#), [AAH13479](#)

RefSeq Size: 1909 bp

RefSeq ORF: 1686 bp

Locus ID: 234564

Cytogenetics: 8 C5

**Gene Summary:** Hydrolyzes p-nitrophenyl butyrate (PNPB), triacylglycerol and monoacylglycerol. Shows higher activity against PNPB, a short-chain fatty acid ester, than against triolein, a long-chain fatty acid ester. Shows no detectable activity against diacylglycerol, cholesterol ester or phospholipids. May play a role in adipocyte lipolysis.[UniProtKB/Swiss-Prot Function]